

REMARKS

The present Amendment amends claims 1-6 and 9 and leaves claims 7, 8 and 10 unchanged. Therefore, the present application has pending claims 1-10.

Claims 3 and 7, and claims 5, 6, 8 and 9 stand rejected under 35 USC §112, first paragraph as not enabling the claimed invention. Specifically the Examiner objects to the recitation of "a third person" in claims 3 and 7 and objects to the recitation of "different-type of language" in claims 5, 6, 8 and 9.

Amendments were made to claims 3 and 7 to eliminate the reference to "a third person". Also, amendments were made to claims 5, 6, 8 and 9 to more clearly describe the features of the present invention regarding the "different-type of language". Thus, Applicants submit that the features now recited in the claims are enabled by the specification. Therefore, reconsideration and withdrawal of this rejection is respectfully requested.

Claims 1-10 stand rejected under 35 USC §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regards as the invention. Various amendments were made throughout claims 1-10 to bring them into conformity with the requirements of 35 USC §112, second paragraph. Therefore, reconsideration and withdrawal of this rejection is respectfully requested.

Specifically, amendments were made to claims 1-10 to overcome the objections noted by the Examiner in paragraphs 4-11 of the Office Action. The Examiner's cooperation is respectfully requested to contact Applicants' Attorney by

telephone should any further indefinite matter be discovered so that appropriate amendments may be made.

Claims 1-10 and 10-13 stand rejected under 35 USC §102(a) as being anticipated by Jacobs (U.S. Patent No. 6,225,995). This rejection is traversed for the following reasons. Applicants submit that the features of the present invention as now more clearly recited in claims 1-10 are not taught or suggested by Jacobs whether taken individually or in combination with any of the other references of record. Therefore, Applicants respectfully request the Examiner to reconsider and withdraw this rejection.

Amendments were made to the claims so as to more clearly recite that the present invention is directed to a database management method, apparatus and computer executed program for addressing to a commit request or a rollback request in a stored program written in an interpreted language. The present invention as now more clearly recited in the claims includes reserving a resource at execution of a query from the stored program of the interpreted language and keeping relational information between the reserved resource and resources already reserved in the query processing in execution having invoked the program; and releasing, at release of a transaction from the stored program, associated ones of resources according to the relational information kept in said reserving step.

The above described features of the present invention as now more clearly recited in claims 1-10 are not taught or suggested by any of the references of record, particularly Jacobs whether taken individually or in combination with any of the other references of record.

Jacobs, for example as illustrated in Figs. 1 and 3a-b and as described in col. 2, line 43 through col. 3, line 22 thereof, teaches a method and apparatus for incorporating state information into a URL. Thus, Jacobs provides a system which supports multiple-request operations in a stateless environment.

The features of the present invention as now more clearly recited in the claims are not taught or suggested by Jacobs. For example in the Office Action the Examiner alleges that the operation of keeping relational information between the reserved resource and resources already reserved in the query processing in execution having invoked the program are identical with the metadata in Fig. 2 of the Jacobs. This step of the present invention, however, specifies that the relational information manages the condition of resources used in execution of a SQL program and a Java program invoked by the SQL program. Applicants' relational information corresponds to a resource table and a release resource table embodied in the present application. Such features are clearly not taught or suggested by Jacobs.

Further, according to the present invention, dynamic resource management is provided for securing resources in execution of program including the claimed unknown resources checking and determining feature in claims 3 and 7. The metadata shown in Fig. 2 of Jacobs is static information in catalog as disclosed by setting of a cartridge, but not dynamic information as in the present invention as recited in the claims. Thus, claims 3 and 7 differ from Jacobs in Applicants dynamic resource management for securing resources in execution of program are not taught or suggested by Jacobs.

Thus, Jacobs fails to teach or suggest reserving a resource at execution of a query from the stored program of an interpreted language and keeping relational information between the reserved resource and resources already reserved in the query processing in execution having invoked the program; and releasing, at release of a transaction from the stored program, associated ones of resources according to the relational information kept in said reserving step as recited in the claims.

Therefore, Jacobs does not anticipate or render obvious the features of the present invention as recited in the claims. Accordingly, reconsideration and withdrawal of the rejection of claims 1-10 under 35 USC §102(a) as being anticipated by Jacobs is respectfully requested.


The remaining references of record have been studied. Applicants submit that they do not supply any of the deficiencies noted above with respect to the reference utilized in the rejection of claims 1-10.

In view of the foregoing amendments and remarks, applicants submit that claims 1-10 are in condition for allowance. Accordingly, early allowance of claims 1-10 is respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER & MALUR, P.C., Deposit Account No. 50-1417 (500.41052X00).

Respectfully submitted,

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